

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"5995328".pn.	US-PGPUB	OR	OFF	2006/04/14 10:26
L2	1	"5995328".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/14 13:06
L3	1677383	((chip or antenna\$1 or IC or integrated adj circuit or semi adj conductor\$1 or semiconductor\$1 or flipchip\$1 or microchip\$1 or chiplike or (flash or memory) adj2 module) or (auxiliary near2 (storage or medium or media or memory)) or MIC or (memory near2 (cassette or cartridge or static)) or EPROM or EEPROM or BGA or ball adj grid adj array\$1 or sBGA "or.micro.BGA").ti,ab.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:57
L4	2939909	(IC or (integrated adj2 circuit\$4) or MRAM or DRAM or SRAM or SDRAM or EPROM or ROM or EEPROM or RAM or PROM or memory or semiconductor or semi adj conductor or MPU or CPU or (process\$3 near2 (device\$1 or unit\$1)) or processor\$1) or nonvolati\$5 or non adj volatile\$5 or flash	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:57
L5	3214181	3 or 4	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:07
L6	73791	((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1)) or g11b023/02.ipc. or g11b023/023.ipc. or g11b023/027.ipc. or g11b023/03.ipc. or g11b023/033.ipc. or g11b023/037.ipc. or g11b023/04.ipc. or g11b023/06.ipc. or g11b023/07.ipc. or g11b023/08.ipc. or g11b023/087.ipc. or g11b023/093.ipc. or g11b023/107.ipc.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:10
L7	9500	5 and 6	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:17
L8	45738	((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1)).ti. or g11b023/02.ipc. or g11b023/023.ipc. or g11b023/027.ipc. or g11b023/03.ipc. or g11b023/033.ipc. or g11b023/037.ipc. or g11b023/04.ipc. or g11b023/06.ipc. or g11b023/07.ipc. or g11b023/08.ipc. or g11b023/087.ipc. or g11b023/093.ipc. or g11b023/107.ipc.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:57

## EAST Search History

L9	3977	7 and 8	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:18
L10	617947	g11b\$.ipc.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:18
L11	2777	9 and 10	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:19
L12	674949	antenna\$2 or (fpc or flexcircuit\$3 or flex adj circuit\$3 or flexcable\$1 or (flex\$4 adj3 (printed or conduct\$4 or cable\$1 or wire\$1 or lead\$1 or wiring\$1)) or ((wireless or laminat\$3 or integrated) adj2 (flexure\$1 or suspension\$1 or load adj beam\$1 or gimbal\$1 or jimbals\$1 or HSA or HGA)) or jumper\$1 or bridge\$1 or interconnect\$4) or h05k001/\$.ipc.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:09
L13	165	11 and 12	EPO; JPO; DERWENT	OR	OFF	2006/04/14 13:20
L14	1586707	(exterior\$4 or outside or external\$4)	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:08
L15	174644	antenna\$2 or antena\$	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:09
L16	130	11 and 15	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:09
L17	0	16 not 13	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:09
L18	416546	((chip or antenna\$1 or IC or integrated adj circuit or semi adj conductor\$1 or semiconductor\$1 or flipchip\$1 or microchip\$1 or chiplike or (flash or memory) adj2 module) or (auxiliary near2 (storage or medium or media or memory)) or MIC or (memory near2 (cassette or cartridge or static)) or EPROM or EEPROM or BGA or ball adj grid adj array\$1 or sBGA "or.micro.BGA").ti,ab,clm.	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:10
L19	64400	((((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1))))).ti,ab. or 360/132.ccls.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:12
L20	0	18 and 19	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:11
L21	13635	((((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1))))).ti,ab. or 360/132.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:12

## EAST Search History

L22	781	18 and 21	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:12
L23	175280	antenna\$4 or antena\$4	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:14
L24	187	22 and 23	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:14
L25	146	@ad<="20030818" and 24	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:16
L26	3	("6702215").URPN.	USPAT	OR	OFF	2006/04/14 14:30
L27	11	("20030128467"   "5610789"   "5852534"   "6043948"   "6075669"   "6088182"   "6195007"   "6301067"   "6304416"   "6452745"   "6481658"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 14:33
L28	56	("09134256" or "09134584" or "09134585" or "09237474" or "10064185" or "10293992" or "11031376" or "11224477" or "2000048541" or "2000057662" or "2000082277" or "2000090640" or "2000090641" or "2000090642" or "2000100119" or "2000113640" or "2000173128" or "2000173237" or "2000173242" or "2000173243" or "2000173244" or "2000182322" or "2000182357" or "2000235744" or "2000235774" or "2000268443" or "2000285546").pn.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:42
L29	2	(ep-0978841-\$.did. or ep-0987710-\$. did. or 0991071-\$.did. or 1008987-\$. did. or ep-1017057-\$.did. or 1041562-\$.did.)	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:44
L30	10	(ep-978841-\$.did. or ep-987710-\$.did. or ep-991071-\$.did. or ep-1008987-\$. did. or ep-1017057-\$.did. or 1041562-\$.did.)	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:46
L31	4	WO-9702566-\$.did. or WO-9717703-\$. did. or WO-0017880-\$.did. or WO-0038188-\$.did.	EPO; JPO; DERWENT	OR	OFF	2006/04/14 14:47
L32	13280	((chip or antenna\$1 or IC or integrated adj circuit or semi adj conductor\$1 or semiconductor\$1 or flipchip\$1 or microchip\$1 or chiplike or (flash or memory) adj2 module) or (auxiliary near2 (storage or medium or media or memory)) or MIC or (memory near2 (cassette or cartridge or static)) or EPROM or EEPROM or BGA or ball adj grid adj array\$1 or sBGA "or.micro.BGA")."	IBM_TDB	OR	OFF	2006/04/14 14:57

## EAST Search History

L33	24522	(IC or (integrated adj2 circuit\$4) or MRAM or DRAM or SRAM or SDRAM or EPROM or ROM or EEPROM or RAM or PROM or memory or semiconductor or semi adj conductor or MPU or CPU or (process\$3 near2 (device\$1 or unit\$1)) or processor\$1) or nonvolati\$5 or non adj volatile\$5 or flash	IBM_TDB	OR	OFF	2006/04/14 14:57
L34	28114	32 or 33	IBM_TDB	OR	OFF	2006/04/14 14:57
L35	110	((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1)).ti.	IBM_TDB	OR	OFF	2006/04/14 14:57
L36	454	((Disc\$1 or disk\$1 or record\$3 or tape or information or storage or medium or media) near3 (cartridge\$1 or cassette\$1))	IBM_TDB	OR	OFF	2006/04/14 14:58
L37	72	34 and 36	IBM_TDB	OR	OFF	2006/04/14 14:58